HAMILTON, BROOK, SMITH & REYNOLDS, P.C. 530 Virginia Road, P.O. Box 9133 Concord, MA 01742-9133

Telephone: (978) 341-0036

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FACSIMILE COVER SHEET

Examiner:

Cassandra F. Cox

Group:

2816

Date:

September 3, 2003

Client Code:

2789

Facsimile No.:

(703) 872-9318

From:

James M. Smith, Esq.

Subject:

Paper:

Amendment ·

Docket No.: 2789.1001-001

Applicants: William J. Dally, et al.

Serial No.:

Filing Date: May 4, 2001

Number of pages including this cover sheet: 10

Please confirm receipt of facsimile: Yes X No ____

Comments:

ODMAMHODMANMANAGE,418270,1

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1-978-341-0242

T-131 P.02/10 F-718

PATENT APPLICATION DOCKET NO 2789.1001-001

:ODMAMHODMAMMANAGE,414267.1 JMS/jat September 3, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

William J. Dally, Ramin Farjad-Rad, Teva J. Stone, Xiaoying Yu and

John W. Poulton

Application No.:

09/849,920

Group:

2816

Filed:

May 4, 2001

Examiner:

C. Cox

Confirmation No.:

1489

For:

Combined Phase Comparator and Charge Pump Circuit

CERTIFICATE OF MAILING OR TRANSMISSION

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and Trademark Office on 9-3-03

Date

Typed or printed name of person signing certificate

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment for filing in the above-identified application.

- [] Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.
- [] A Small Entity Statement to establish small entity status under 37 C.F.R 1.9 and 1.27 is enclosed.

The fee has been calculated as shown below:

	(COL 1)		((COL 2)	(COL. 3)
	CLAIMS REMAINING AFTER AMENDMENT		PRE	HEST NO VIOUSLY AID FOR	PRESENT EXTRA
TOTAL	18	MINUS	<u> </u>	20	0
INDEP	2	MINUS	++	3	0
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					

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х	\$18	\$
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OR

TOTAL =

09/849,920

-2-

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[]	Petition for [] month Extension of Time	\$
[]	Amendment Fee		\$
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[]	Petition for [] month Extension of Time	\$
[]	Amendment Fee		\$
[]	Other Fees:		
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			\$
		TOTAL:	\$0
for an	neral authorization is by fees required under pplication.	hereby granted to charge Deposit Account No. 37 C.F.R. 1.16 and 1.17 in order to maintain part of Respectfully submitted, HAMILTON, BROOK, SMITH & REYNO James M. Smith Registration No.: 28,043 Telephone (978) 341-0036 Facsimile (978) 341-0136	pendency of
Concord, Ma	assachusetts 01742-91	` '	

-Sep-03-03 05:08pm From-HBSR

1-978-341-0242

PATENT APPLICATION
Aπomey's Docker No 2789.1001-999

ODMA\MHODMA\iManage;414692,1 JMS/jat

September 3, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

William J. Dally, Ramin Farjad-Rad, Teva J. Stone, Xiaoying Yu and

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Application No.:

09/849,920

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2816

Filed.

May 4, 2001

Examiner:

C. Cox

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Combined Phase Comparator and Charge Pump Circuit

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ennifer A.

Typed or printed name of person signing certificate

AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This Amendment is being filed in response to the Office Action mailed from the U.S. Patent and Trademark Office on June 4, 2003 in the above-identified application.

Reconsideration and further examination are requested.

Please amend the application as follows: